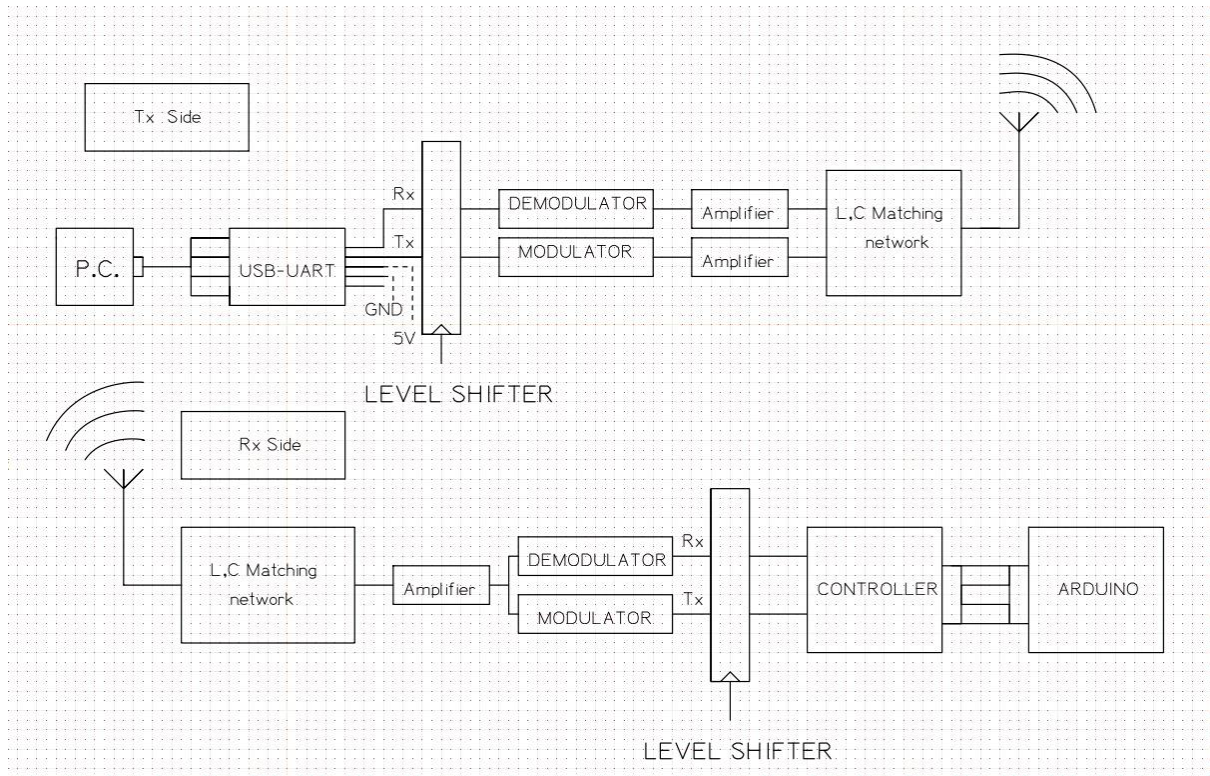
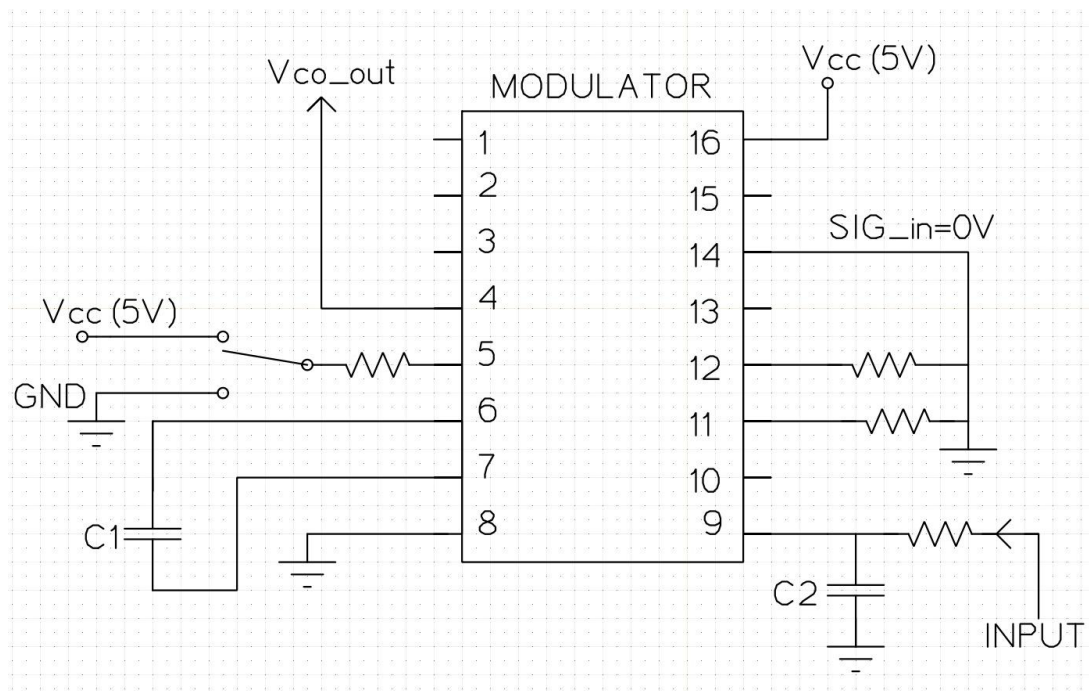


CIRCUIT SCHEMATICS

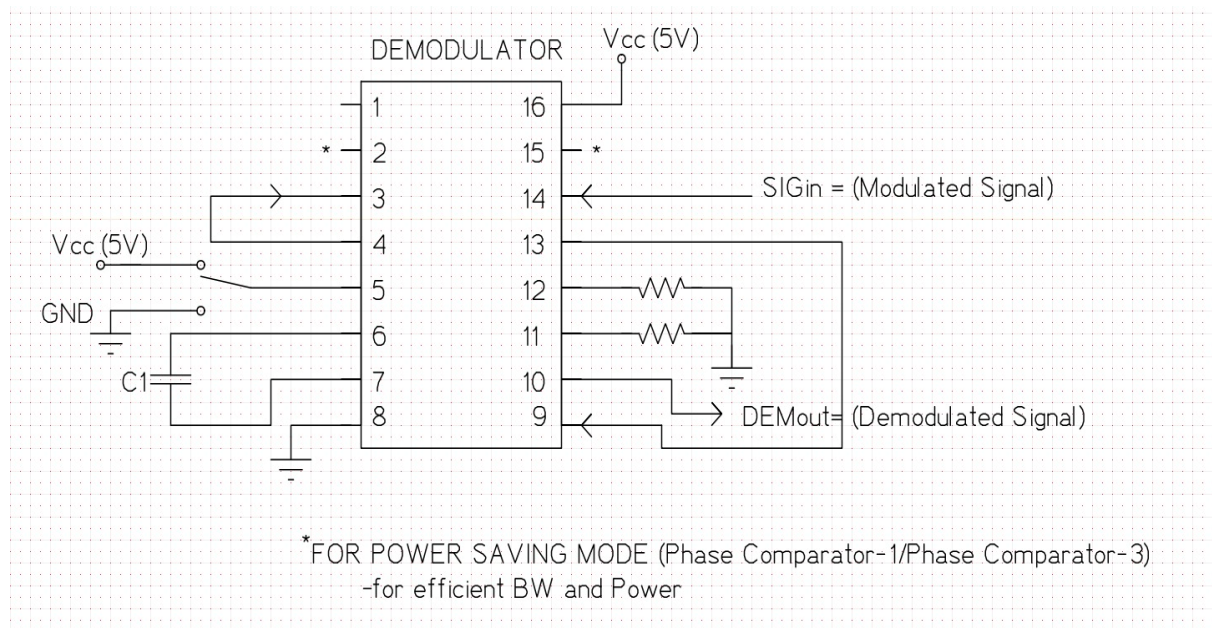
BLOCK DIAGRAM



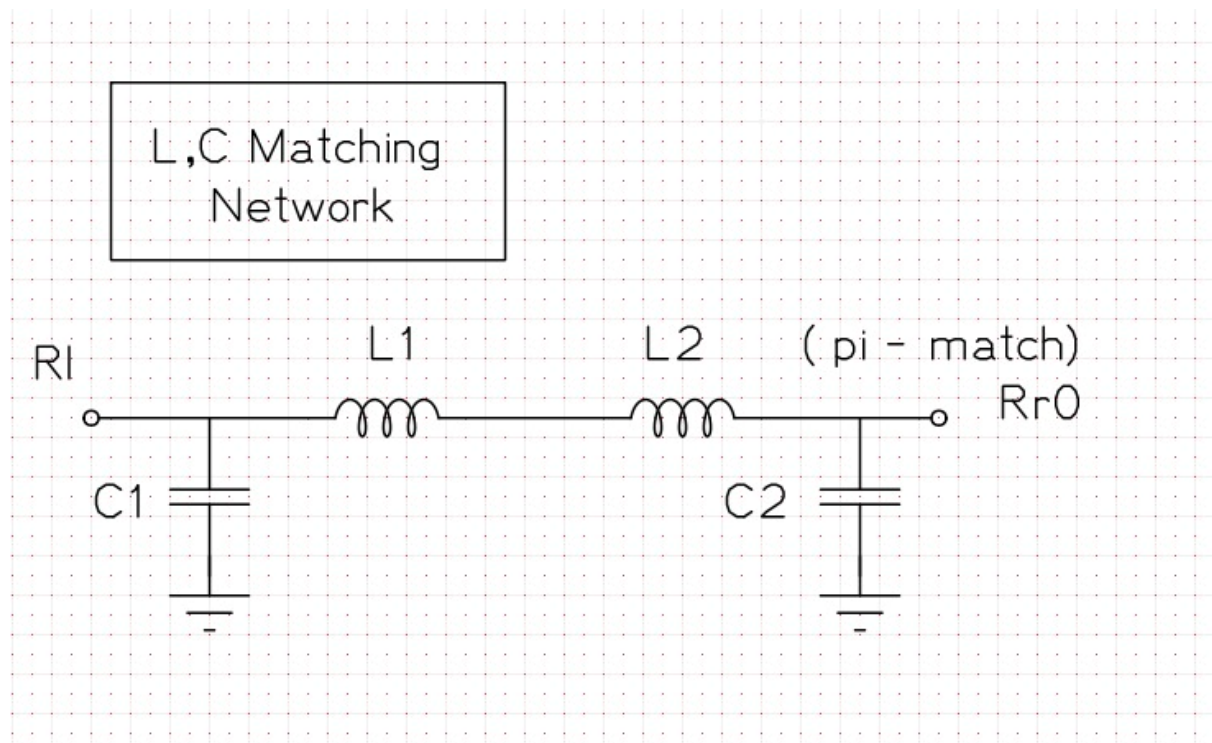
MODULATOR CIRCUIT (PLL-IC)



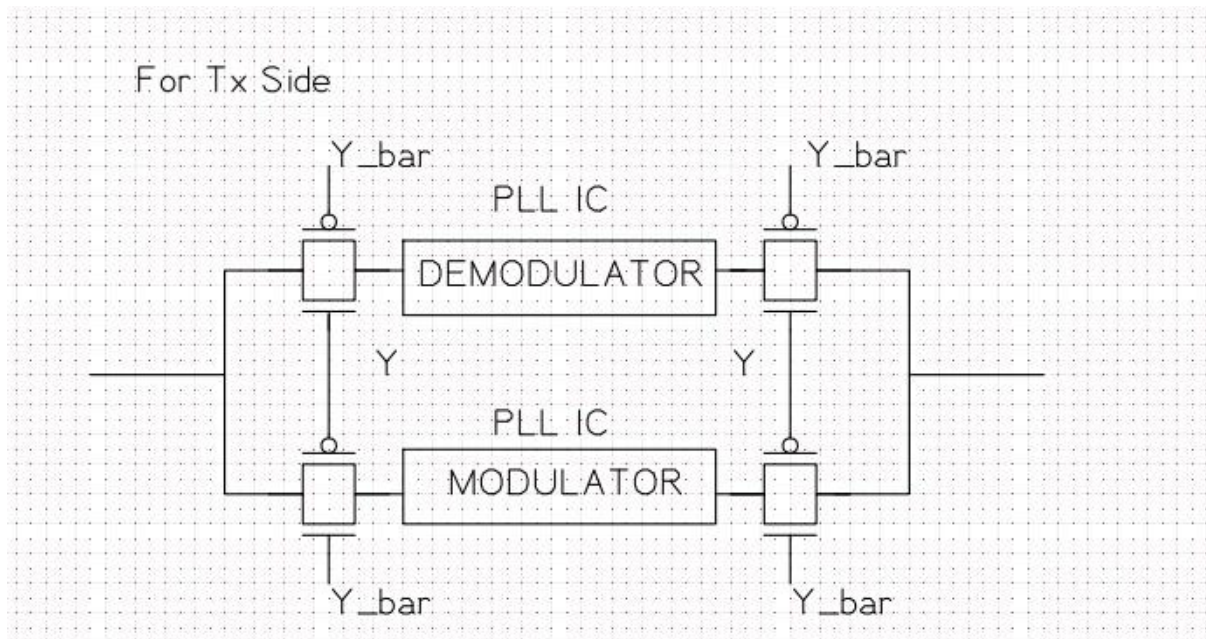
DEMODULATOR CIRCUIT (PLL-IC)



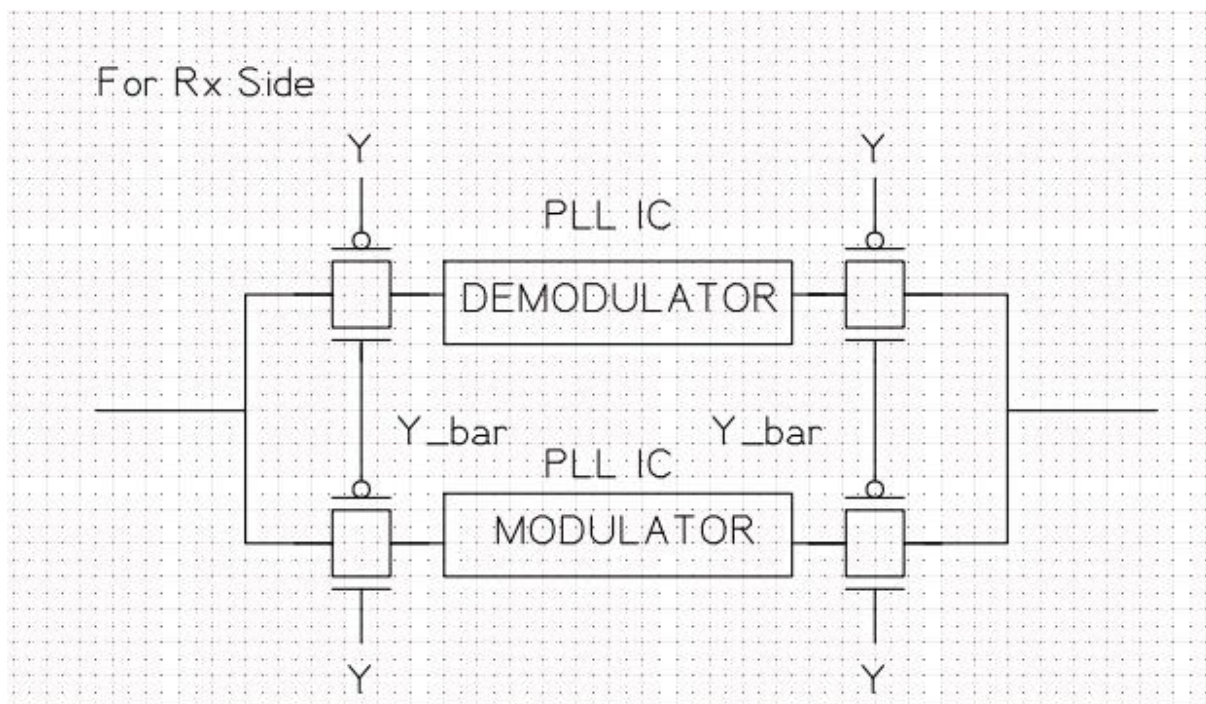
LC MATCHING NETWORK



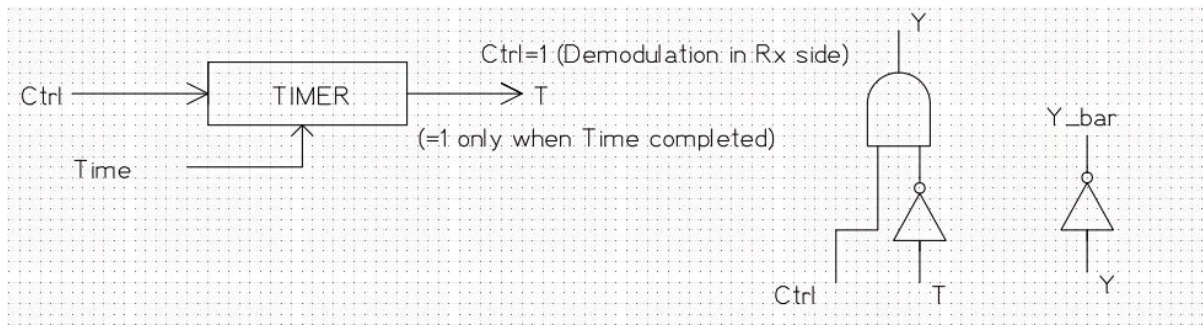
MODE SWITCHING LOGIC (Tx)



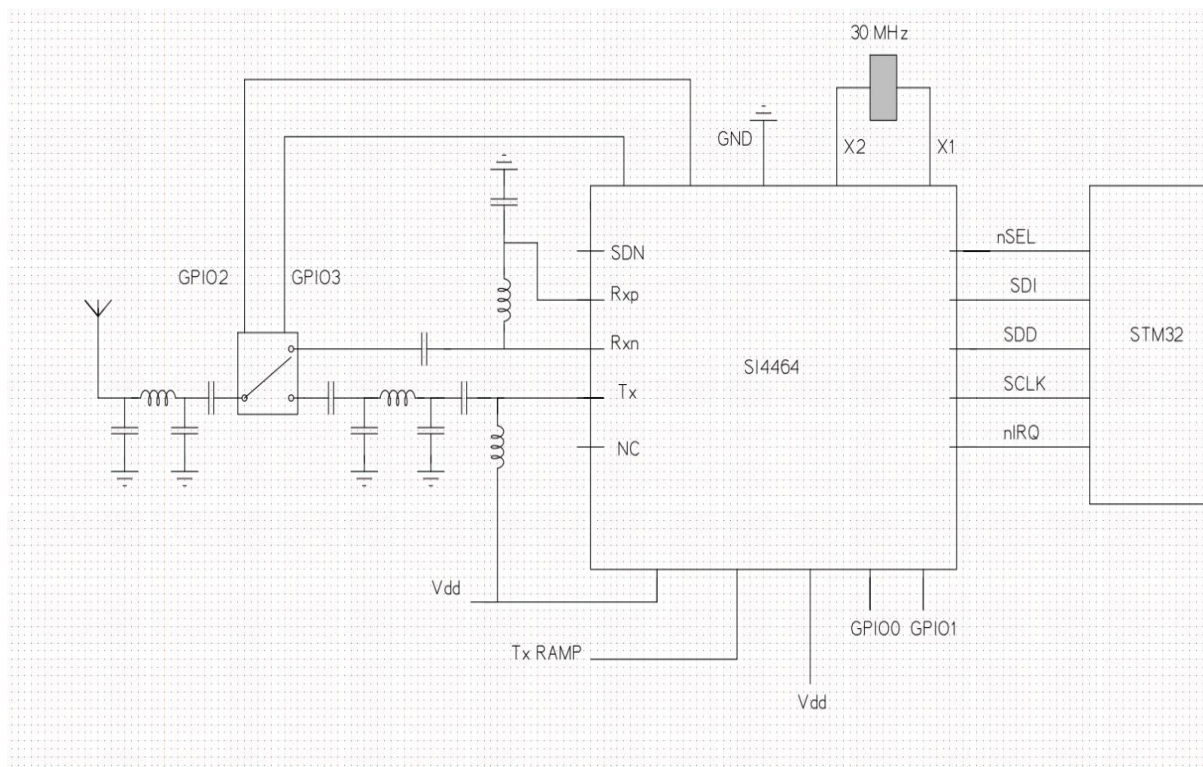
MODE SWITCHING LOGIC (Rx)



TIMER LOGIC



SI4464 CIRCUIT CONNECTION



OVERALL CIRCUIT DESIGN

